

US EPA RECORDS CENTER REGION 5



409901

SP 84/08

JWalt
5/17/85

Minnesota Pollution Control Agency

March 11, 1985

EXECUTIVE SUMMARY Old Moorhead Dump MND980995856

Situation

The Old Moorhead Dump in Moorhead, Minnesota, operated from the 1950's to sometime in the 1970's; exact dates are not known. A variety of wastes were accepted at the dump, including commercial wastes, and agricultural wastes, as well as paint sludges and solvents from a local fiberglass boat manufacturer. It was reported that in the early years of operation, waste and refuse was burned on the site. Ashes from the burned refuse were then pushed into a pit. The pits were dug with a dragline as deep as sixteen feet. The pits were apparently covered when filled. By 1968, the site was operated as a sanitary landfill with no burning and refuse was covered daily.

The site is underlain with clay soils. The dump is covered with a clay-black dirt mixture. Farmland borders the site on two sides.

There is now a pistol range on the site which may have been partly made with junked cars. The area is also used for recreational purposes, e.g. an ice arena and ball diamonds. There are no wells onsite. The municipal water and sewer systems service a 4-H building.

Inspection Priority Recommendation

There are no water supply wells in the immediate vicinity. However, there are private wells within a three-mile radius. Therefore, a low potential hazard is recorded in the preliminary assessment.

Burning the waste and refuse prior to final disposal probably decreased the present potential hazard from solvents. However, it is not known if any liquid dumping occurred nor if there was any leakage from burned containers. In addition, lead and other metals that might have been present in the paint sludge would not have burned, but remained in residue and ash. The potential for contamination is also lessened by the site being covered with a clay/black dirt mixture. Therefore, a low (pending) inspection priority is assigned to the site.

Phone _____

1935 West County Road B2, Roseville, Minnesota 55113-2785

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Equal Opportunity Employer





POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 1 - SITE INFORMATION AND ASSESSMENT

I. IDENTIFICATION

01 STATE 02 SITE NUMBER
MN D980995856

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site) Old Moorhead Dump		02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER 15 th Ave. N. and Hwy. 75	
03 CITY Moorhead	04 STATE MN	05 ZIP CODE 56560	06 COUNTY Clay
07 COUNTY CODE 027		08 CONG DIST 07	
09 COORDINATES LATITUDE 46° 53' 33.5"		LONGITUDE 096° 44' 34.0"	
Dilworth 7.5 Quad		1964	

10 DIRECTIONS TO SITE (Starting from nearest public road)
From intersection of Hwy. 75 + Hwy. 10, North on Hwy. 75 \pm 1 mi., Site on east side of Hwy. 75, north of 15th Ave. N.
T. 140 N., R. 48 W., Sec. 33, SW 1/4 SE 1/4

III. RESPONSIBLE PARTIES

01 OWNER (If known) City of Moorhead		02 STREET (Business mailing residential) 500 Center Ave.	
03 CITY Moorhead	04 STATE	05 ZIP CODE 56560	06 TELEPHONE NUMBER 612 1299-5301
07 OPERATOR (If known and different from owner) Same as owner		08 STREET (Business mailing residential)	
09 CITY	10 STATE	11 ZIP CODE	12 TELEPHONE NUMBER ()

13 TYPE OF OWNERSHIP (Check one)
☐ A PRIVATE ☐ B FEDERAL (Agency name) ☐ C STATE ☐ D COUNTY ☒ E MUNICIPAL
☐ F OTHER (Specify) ☐ G UNKNOWN

14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply)
☐ A RCRA 3001 DATE RECEIVED MONTH DAY YEAR ☐ B UNCONTROLLED WASTE SITE (RCRA 103 c) DATE RECEIVED MONTH DAY YEAR ☒ C NONE

IV. CHARACTERIZATION OF POTENTIAL HAZARD

01 ON SITE INSPECTION
☒ YES DATE unknown MONTH DAY YEAR
☐ NO
BY (Check all that apply)
☐ A EPA ☐ B EPA CONTRACTOR ☒ C STATE ☐ D OTHER CONTRACTOR
☐ E. LOCAL HEALTH OFFICIAL ☐ F OTHER (Specify)
CONTRACTOR NAME(S)

02 SITE STATUS (Check one)
☐ A ACTIVE ☒ B INACTIVE ☐ C UNKNOWN
03 YEARS OF OPERATION
(late) 1950's | (late) 1970's
BEGINNING YEAR ENDING YEAR ☐ UNKNOWN

04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED
Paint Sludges (toxic/persistent)
Solvents (toxic)

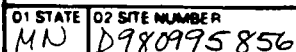
05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT / HUMAN POPULATION
Ground water (contamination)

V. PRIORITY ASSESSMENT Potential Hazard: Low

01 PRIORITY FOR INSPECTION (Check one if high or medium is checked, complete Part 2. Waste Information and Part 3. Description of Hazardous Conditions and Impacts)
☐ A. HIGH (Inspection required promptly) ☐ B. MEDIUM (Inspection required) ☒ C. LOW (Pending) (Inspect on time available basis) ☐ D. NONE (No further action needed, complete current disposition form)

VI. INFORMATION AVAILABLE FROM

01 CONTACT Jack Matlock		02 OF (Agency/Organization) MPCA - Detroit Lakes		03 TELEPHONE NUMBER (218) 847-1519	
04 PERSON RESPONSIBLE FOR ASSESSMENT Susan M. Cedarleaf		05 AGENCY MPCA	06 ORGANIZATION Solid & Hazardous Waste Division	07 TELEPHONE NUMBER 1612 1299-1802	08 DATE 03.11.85 MONTH DAY YEAR



X A TOXIC	E SOLUBLE	I HIGHLY VOLATILE
B CORROSIVE	F INFECTIOUS	J EXPLOSIVE
C RADIOACTIVE	G FLAMMABLE	K REACTIVE
X D PERSISTENT	H IGNITABLE	L INCOMPATIBLE
		M NOT APPLICABLE



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER
MN D980995856

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☒ A GROUNDWATER CONTAMINATION 02 ☐ OBSERVED (DATE _____) ☒ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED <50 (est.) 04 NARRATIVE DESCRIPTION

Area serviced by municipal water supply.

01 ☐ B SURFACE WATER CONTAMINATION 02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED _____ 04 NARRATIVE DESCRIPTION

No known intakes

01 ☐ C CONTAMINATION OF AIR 02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED _____ 04 NARRATIVE DESCRIPTION

N/A

01 ☐ D FIRE/EXPLOSIVE CONDITIONS 02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED _____ 04 NARRATIVE DESCRIPTION

N/A

01 ☐ E DIRECT CONTACT 02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED _____ 04 NARRATIVE DESCRIPTION

Site covered by clay layers.

01 ☐ F CONTAMINATION OF SOIL 02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☐ ALLEGED
03 AREA POTENTIALLY AFFECTED _____ (Acres) 04 NARRATIVE DESCRIPTION

N/A

01 ☒ G DRINKING WATER CONTAMINATION 02 ☐ OBSERVED (DATE _____) ☒ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED <10 04 NARRATIVE DESCRIPTION

Private wells w/in 3-mile radius.

01 ☐ H WORKER EXPOSURE/INJURY 02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☐ ALLEGED
03 WORKERS POTENTIALLY AFFECTED _____ 04 NARRATIVE DESCRIPTION

N/A

01 ☐ I POPULATION EXPOSURE/INJURY 02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED _____ 04 NARRATIVE DESCRIPTION

Site used for recreational purposes (ice arena, 4-H, ball diamonds, pistol range); site covered by a clay layer.



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER

MN D980995856

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☐ J DAMAGE TO FLORA
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE _____)

☐ POTENTIAL

☐ ALLEGED

N/A

01 ☐ K DAMAGE TO FAUNA
04 NARRATIVE DESCRIPTION (Include name(s) of species)

02 ☐ OBSERVED (DATE _____)

☐ POTENTIAL

☐ ALLEGED

N/A

01 ☐ L CONTAMINATION OF FOOD CHAIN
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE _____)

☐ POTENTIAL

☐ ALLEGED

N/A

01 ☐ M UNSTABLE CONTAINMENT OF WASTES
(Spills, runoff/standing liquids, leaking drums)

02 ☐ OBSERVED (DATE _____)

☐ POTENTIAL

☐ ALLEGED

03 POPULATION POTENTIALLY AFFECTED

04 NARRATIVE DESCRIPTION

Tires occasionally come to surface.

01 ☐ N DAMAGE TO OFFSITE PROPERTY
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE _____)

☐ POTENTIAL

☐ ALLEGED

None known

01 ☐ O CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE _____)

☐ POTENTIAL

☐ ALLEGED

None known. Municipal sewer system services the area.

01 ☐ P ILLEGAL/UNAUTHORIZED DUMPING
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE _____)

☐ POTENTIAL

☐ ALLEGED

Site probably closed for noncompliance with sanitary landfill regulations.

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

None known

III. TOTAL POPULATION POTENTIALLY AFFECTED: None known

IV. COMMENTS

Site was covered
Presently used as a recreational area

V. SOURCES OF INFORMATION (Cite specific references e.g. State files, sample analysis reports)

MPCA files

OLD
MOORHEAD
DUMP
SITE

700 000
FEET

T 140 N.
T 139 N.

FARGO, N. DAK. (U.S. 81) 2.3 MI.
0.7 MI. TO JUNC. U.S. 10 & 75

GREAT
DITCH

MOORHEAD

Nursing
Home

COUNTY

M O O R H

NO. 50

DILWORTH QUAD.

46° 52' 30"
96° 45'

472

473

1 380 000 FEET

474

11

42' 30"

